

In the Claims

The following is a marked-up version of the claims with the language that is underlined (“___”) being added and the language that contains strikethrough (“—”) being deleted:

1. (Canceled)
2. (Currently Amended) The cable system of claim ~~1~~5, wherein the second region includes a void that lacks the conductive material.
3. (Original) The cable system of claim 2, wherein at least a portion of the dielectric material is located within the void.
4. (Currently Amended) The cable system of claim ~~1~~5, wherein the second region includes a recess defining an area of reduced thickness of the power layer.
5. (Currently Amended) A cable system comprising:
a cable having a conductor, a power layer and dielectric material, the dielectric layer being located at least partially between the conductor and the power layer, the conductor being operative to carry a signal, the power layer being operative as ground, the power layer being formed of a conductive material and having a first region and an adjacent second region, the first region including a greater amount of the conductive material than the second region such that the power layer is less resistant to bending along the second region than along the first region;

~~The cable system of claim 1, wherein:~~

the cable has a longitudinal axis; and

the second region defines an axial-region bending about which the power layer is less resistant to bending, the axial-bending region being angularly displaced with respect to the longitudinal axis of the cable.

6. (Currently Amended) The cable system of claim ~~4~~5, wherein the conductor has a first end and a second end; and

further comprising:

a first connector electrically communicating with the first end of the conductor; and

a second connector electrically communicating with the second end of the conductor.

7. (Currently Amended) The cable system of claim ~~4~~5, wherein the power layer is formed of interwoven strips of the conductive material.

8. (Original) The cable system of claim 7, wherein:

the power layer includes a first strip and a second strip of the conductive material; and

the first region is defined at a location where the first strip and the second strip overlap each other.

9. (Canceled)

10. (Currently Amended) The cable system of claim ~~9~~14, wherein:

the cable has a first region including multiple ones of the first locations and a second region including multiple ones of the second locations; and

the power layer is more resistant to bending along the first region than along the second region.

11. (Original) The cable system of claim 10, wherein at least one of the second locations of the second region is a void that lacks conductive material.

12. (Original) The cable system of claim 11, wherein:

the cable has a longitudinal axis; and

the second region defines an axial-bending region about which the power layer is configured to bend, the axial-bending region being angularly displaced with respect to the longitudinal axis of the cable.

13. (Currently Amended) The cable system of claim 9-14, further comprising:

a conductor, spaced from the power layer and operative to propagate a signal.

14. (Currently Amended) A cable system comprising:

a cable having a power layer operative as ground, the power layer being formed of a conductive material and including multiple first locations and multiple second locations, each of the first locations including an amount of conductive material greater than an amount of conductive material included in the each of the second locations such that the power layer is more resistant to bending at the first locations than at the second locations;

~~The cable system of claim 9~~, wherein the power layer is formed of interwoven strips of the conductive material.

15. (Currently Amended) The cable system of claim ~~9~~14, wherein the power layer is generally planar.

16. (Original) A cable system comprising:

a flex cable having means for enabling the flex cable to bend preferentially along an axial-bending region, the axial-bending region being offset with respect to a longitudinal axis of the flex cable.

17. (Original) The cable system of claim 16, wherein the flex cable has a first end and a second end; and

further comprising:

first means for enabling the first end of the flex cable to electrically communicate with a component; and

second means for enabling the second end of the flex cable to electrically communicate with a component.

18. (Currently Amended) A method for forming a cable system comprising:

providing a power layer including at least a first region of reduced material content defined by at least one recess; and

forming a flex cable with the power layer.

19. – 20. (Canceled)

21. (Original) A method for electrically interconnecting components comprising:

- providing a flex cable having a power layer that includes at least a first region of reduced material content;
- providing a first component and a second component that are to be electrically interconnected to each other; and
- electrically interconnecting the first component and the second component with the flex cable.